

Converting Colors

XYZ(51.4065, 52.1233, 78.8252)

Have a look what the booklet for
XYZ(51.4065, 52.1233, 78.8252)
contains.

XYZ(51.5325, 52.3304, 78.6189)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(51.5325, 52.3304,
78.6189)**

Conversions

Conversions Part 1

Format	Color
Hex	B7BEE1
RGB	183, 190, 225
RGB Percent	72%, 75%, 88%
CMY	0.2823, 0.2549, 0.1176
CMYK	0.19, 0.16, 0.00, 0.12
HSL	230°, 41%, 80%
HSV	230°, 19%, 88%
XYZ	51.5325, 52.3304, 78.6189
YIQ	191.8970, -15.4070, 9.4010

Conversions

Conversions Part 2

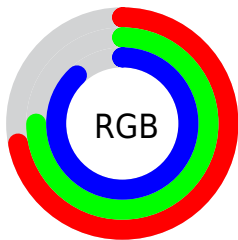
Format	Color
R_{YB}	183, 189, 225
Decimal	12041953
CIE _{Lab}	77.48, 4.79, -18.26
CIE _{LCh}	77, 18.874, 284.693
Yxy	52.3304, 0.2824, 0.2868
Android (android.graphics.Color)	4290232033 (0xFFB7BEE1)
YUV	191.8970, 16.3198, -7.8027
Hunter-Lab	72.3398, 0.5631, -13.7986

Details

The XYZ color **51.5325, 52.3304, 78.6189** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **64.6705, 69.5693, 54.8208**, and the grayscale version is **49.9584, 52.5601, 57.2380**.

A 20% lighter version of the original color is **86.6024, 91.4823, 107.7011**, and **25.4073, 25.5394, 41.6207** is the 20% darker color. If you saturate the color by 10%, you get **42.7997, 42.1840, 77.1216**, and if you desaturate by 10%, it is **61.6464, 63.9669, 80.3328**.

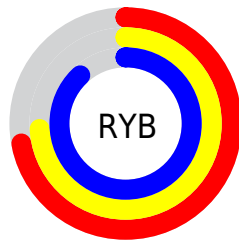
Distribution



Red (72%)

Green (75%)

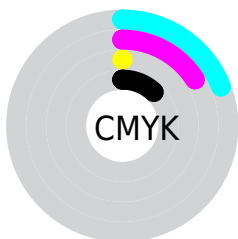
Blue (88%)



Red (72%)

Yellow (74%)

Blue (88%)

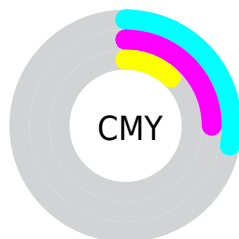


Cyan (19%)

Magenta (16%)

Yellow (0%)

Black (12%)



Cyan (28%)

Magenta (25%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.5325, 52.3304, 78.6189 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 51.5325, 52.3304, 78.6189 by changing the saturation by 10% instead.

■ 51.5325, 52.3304,
78.6189

■ 51.5325, 52.3304,
78.6189

382.9828,
395.7108, 509.8496

■ 36.8553, 37.2685,
58.0631

■ 91.6197, 93.6183,
133.2160

■ 25.2687, 25.4154,
41.4443

117.7605,
120.6131, 168.0944

■ 16.4071, 16.3868,
28.3441

148.4532,
152.3544, 208.5840

■ 9.9054, 9.7983,
18.3439

184.0631,
189.2264, 255.1034

■ 5.3980, 5.2654,
11.0252

224.9557,
231.6137, 308.0711

■ 2.5198, 2.4038,
5.9694

271.4963,

■ 0.9052, 0.8279,

279.9006, 367.9057

2.7580

324.0502,
334.4715, 435.0257

■ 0.0000, 0.0000,
0.9724

■ 0.0000, 0.0000,
0.0000

■ 51.5325, 52.3304,
78.6189

■ 51.5325, 52.3304,
78.6189

■ 42.7997, 42.1840,
77.1216

■ 61.6464, 63.9669,
80.3328

■ 35.3829, 33.4608,
75.8287

■ 73.1932, 77.1441,
82.2676

■ 29.2187, 26.0983,
74.7325

■ 86.2278, 91.9179,
84.4323

■ 24.2368, 20.0267,
73.8232

■ 90.5908, 98.2163,
85.4180

■ 20.3594, 15.1701,
73.0901

■ 17.4994, 11.4440,
72.5216

■ 15.5558, 8.7527,
72.1046

■ 14.3875, 6.9740,
71.8228

■ 14.2683, 6.7914,
71.7939

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



47.9159, 52.3304, 78.5501



51.5325, 52.3304, 78.6189



54.8182, 52.3304, 72.4272

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



51.5325, 52.3304, 78.6189



54.8747, 52.3304, 44.0277



43.2967, 52.3304, 51.8559

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



51.5325, 52.3304, 78.6189



64.6705, 69.5693, 54.8208

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



44.9827, 52.3304, 43.9000



51.5325, 52.3304, 78.6189



51.6066, 52.3304, 39.7696

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



51.5325, 52.3304, 78.6189



56.8107, 52.3304, 52.0508



47.9866, 52.3304, 39.7259



43.2790, 52.3304, 62.2086

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



51.5325, 52.3304, 78.6189



56.3288, 52.3304, 65.9717



47.9866, 52.3304, 39.7259



43.6833, 52.3304, 48.8429

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



51.5341, 52.3325, 78.6201



85.7102, 89.3464, 107.3359



59.0182, 68.9441, 76.0483



18.1370, 18.8854, 22.9393



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



51.5341, 52.3325, 78.6201



64.1941, 64.5834, 103.6902



53.3684, 51.0806, 78.2818



13.1358, 13.6106, 17.3225



8.2791, 4.0277, 41.3894



0.6305, 0.3925, 2.8878

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



57.2804, 53.5936, 56.0431



73.0567, 66.6273, 68.8473



62.5385, 71.2228, 55.2523



13.8000, 13.7376, 14.7169



18.1191, 9.3146, 2.0270



1.2845, 0.6571, 0.2911

Previews

White Background



This preview shows how the XYZ color 51.5325, 52.3304, 78.6189 looks on a white background.

Color Contrast Check

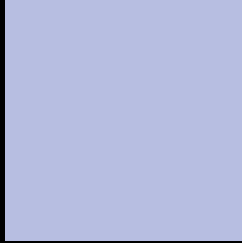
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 51.5325, 52.3304, 78.6189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

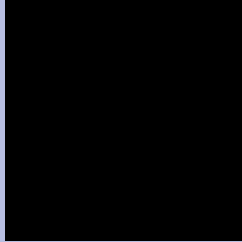
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.5325, 52.3304, 78.6189

Background



This preview shows how black text looks on a background with the XYZ color 51.5325, 52.3304, 78.6189.



This preview shows how white text looks on a background with the XYZ color 51.5325, 52.3304,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

51.5325, 52.3304, 78.6189

Protanopia

51.7712, 52.4535, 78.6301

Deuteranopia

53.4901, 52.3691, 79.2405



Tritanopia

49.2775, 52.3973, 67.1910

Trichromacy



Original Color

51.5325, 52.3304, 78.6189

Protanomaly

51.7712, 52.4535, 78.6301

Deuteranomaly

52.6970, 52.2762, 79.2644

Tritanomaly

50.0433, 52.3781, 71.0907

Monochromacy



Original Color

51.5325, 52.3304, 78.6189

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.5162, 52.4401, 64.5862

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5325, 52.3304, 78.6189 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(183, 190, 225)` looks like.

```
.text, #text, p{  
    color:rgb(183, 190, 225)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(183, 190, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 190, 225) }
```

Border

The CSS property to change the border of an element to XYZ 51.5325, 52.3304, 78.6189 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 190, 225) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(183, 190, 225) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(183, 190, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 190, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 190, 225);  
box-shadow:4px 4px 4px 4px rgb(183, 190,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5325, 52.3304, 78.6189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 190, 225) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(183,  
190, 225) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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